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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Technology Center 2100

In re the Application

Inventors: Kuniyuki KAJITA Art Unit: 2100  
Appln. No.: 10/018,658  
Filed: December 21, 2001  
For: APPARATUS AND METHOD FOR CODING/DECODING

RENEWED PETITION TO MAKE SPECIAL

Assistant Commissioner of Patents  
Washington, DC 20231 Sir:

In response to the Decision dated February 10, 2004, and pursuant to a telephone discussion with the Special Program Examiner Laufer in Art Unit 2100, the following further details are provided to point out the distinctions between the present claims and the combined teachings of the prior art of record. The following points supplement the points made at page 6, line 5 through page 7, line 6 of the Petition to Make Special filed January 20, 2004. It was agreed during telephone communications with Special Programs Examiner Laufer that these additional comments would result in a grant of the Petition to Make Special.

The references of record, either alone or in combination, fail to disclose or suggest at least the features of the present claims including, *inter alia*, (1) code block segmentation by segmenting the concatenated transport block into code blocks based on a number

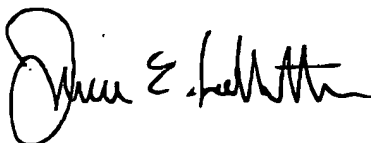
of the transport blocks, such that the CRC-bit exists at the end of each segmented code block (claims 17 and 27), (2) insertion of known data at the start position of the at least one of the segmented code blocks to cause the at least one of the segmented code blocks to have a same amount of data as the other of the segmented code blocks (claims 18 and 28), or (3) error correction decoding including decoding on a code block basis a concatenated code block with each code block having CRC-bit placed at the end (claims 19 and 29), detecting a position of concatenation of the concatenated code block with each code block decoded and dividing the concatenated code block based on a detection result and performing CRC-bit cyclic redundancy inspection on each divided code block (claims 19 and 29), detecting the position by detecting the CRC-bit in the concatenated code block with each code block decoded (claims 20 and 30), performing the division by dividing the concatenated code block into a code block so that each detected CRC-bit is placed at the end of each divided code block (claims 20 and 30), deleting, when known data exists in a decoded code block, the known data (claims 21 and 31), or replacing a soft decision value of the part of the known data of a code block with a maximum value of the soft decision value when the known data is 0 and replacing with a minimum value of the soft decision value when the known data is 1 and carries out error correcting decoding of the

known data using the replaced soft decision value (claims 22 and 32).

For the above reasons and those in the Petition to Make Special filed January 20, 2004, the Applicants submit that the references of record, considered alone or in combination, fail to disclose or suggest the present claimed subject matter. Therefore, the Applicants respectfully submit that the inventions of all the presently pending claims are not anticipated by these references and would not have been obvious over any combination thereof.

Grant of special status in accordance with this petition is respectfully requested.

Respectfully submitted,

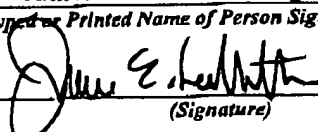


Date: March 2, 2004

James E. Ledbetter  
Registration No. 28,732

JEL/att

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<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			Docket No. <b>L9289.01227</b>
Applicant(s): <b>Kuniyuki KAJITA</b>			
Serial No. <b>10/018,658</b>	Filing Date <b>December 21, 2001</b>	Examiner <b>Laufer</b>	Group Art Unit <b>2100</b>
Invention: <b>APPARATUS AND METHOD FOR CODING/DECODING</b>			
<p>I hereby certify that this <u>Renewed Petition to Make special</u>  <i>(Identify type of correspondence)</i></p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-305-3719</u>)</p> <p>on <u>March 2, 2004</u>  <i>(Date)</i></p> <div style="text-align: right; margin-top: 100px;"> <u>James E. Ledbetter, Reg. No. 28,732</u>  <i>(Typed or Printed Name of Person Signing Certificate)</i>    <i>(Signature)</i> </div>			
<p><b>Note: Each paper must have its own certificate of mailing.</b></p>			

**TRANSMITTAL LETTER**  
**(General - Patent Pending)**Docket No.  
L9289.01227

In Re Application Of: Kuniyuki KAJITA

Serial No.  
10/018,658Filing Date  
December 21, 2001Examiner  
LauferGroup Art Unit  
2100

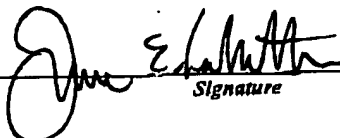
Title: APPARATUS AND METHOD FOR CODING/DECODING

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is: a proposed renewed Petition to Make Special, in view of our telephone conversation of February 25, 2004. Please confirm that this addresses your concerns about the discussion of claims 19 and 29 and will be sufficient for granting the petition. Thank you for your cooperation.

in the above identified application.

- ☐ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

  
Signature

Dated: March 2, 2004

James E. Ledbetter, Reg. No. 28,732

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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